



COPY OF PAPERS
ORIGINALLY FILED

Docket No.: ACT-307

DECLARATION & POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My correct residence, post office address and citizenship are stated below next to my name.

I believe myself to an original and first joint inventor of the subject matter which is disclosed and claimed and for which a patent is sought on the invention entitled:

"MOS TRANSISTOR HAVING IMPROVED TOTAL RADIATION-INDUCED LEAKAGE CURRENT AND METHOD FOR FABRICATING SAME"

The specification of this subject matter:

X is attached hereto.

was filed on xxx;

was assigned serial No. xxx;

which was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified patent application, including the claims, as amended by any amendment(s) referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. §1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

Number	Country	Month/Day/Year Filed	Yes	No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date
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Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in these prior United States application(s) in the manner provided by 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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I hereby appoint Kenneth D'Alessandro, Registration No. 29,144; Timothy Brisson, Registration No.: 44,046; Robert Hall, Registration No.: 39,209, Jonathan Velasco, Registration No.: 42,200, Victor Gallo, Registration No.: 41,768, Kathleen S. Hall, Registration No.: 44,143; Russ F. Marsden, Registration No.: 43,775 and Kelly McCrystle, Registration No. 46,257 as attorneys of record with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith, and certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment, a copy of which is attached, from the inventor(s) of the patent application identified above.

Please send all correspondence and direct all telephone calls to:

Kenneth D'Alessandro
Sierra Patent Group, Ltd.
P.O. Box 6149
Stateline, NV 89449
Telephone (775) 586-9500

I, the undersigned, declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

FULL NAME OF INVENTOR 1	FIRST Name <u>Frank</u>	MIDDLE Initial(s)	LAST Name <u>Hawley</u>
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country	Country of Citizenship
POST OFFICE ADDRESS	<u>Campbell</u>	<u>California</u>	<u>USA</u>
	<u>Number and Street</u> <u>1360 Capri Drive</u>	City <u>Campbell</u>	State or Country <u>California</u>
			Zip Code <u>95008</u>

FULL NAME OF INVENTOR 2	FIRST Name <u>Daniel</u>	MIDDLE Initial(s)	LAST Name <u>Wang</u>
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country	Country of Citizenship
POST OFFICE ADDRESS	<u>San Jose</u>	<u>California</u>	<u>Taiwan</u>
	<u>Number and Street</u> <u>1709 Cassiar Drive</u>	City <u>San Jose</u>	State or Country <u>California</u>
			Zip Code <u>95130</u>

I further declare that all statements made herein of my own knowledge are true and that all statements made upon information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 101 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Frank Hawley

Date 11/22/00

Signature of Daniel Wang

Date 11/22/00



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

MARCH 16, 2001

PTAS

SIERRA PATENT GROUP, LTD.
TERI MUIR
P.O. BOX 6149
STATELINE, NV 89449



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RECEIVED

MAR 26 2001

SIERRA PATENT GROUP LTD

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
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REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,
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RECORDATION DATE: 12/20/2000

REEL/FRAME: 011399/0203
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HAWLEY, FRANK

DOC DATE: 11/22/2000

ASSIGNOR:

WANG, DANIEL

DOC DATE: 11/22/2000

ASSIGNEE:

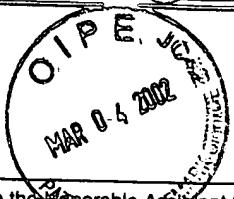
ACTEL CORPORATION
955 EAST ARQUES AVENUE
SUNNYVALE, CALIFORNIA 94086

SERIAL NUMBER: 09741949
PATENT NUMBER:

FILING DATE: 12/20/2000
ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

01-10-2001

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Patent and Trademark Office

RE:

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PATENTS ONLY

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101576743
12/14/00
12/20/00

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof

1. Names of conveying party(ies)

Frank Hawley and Daniel Wang

2. Name and address of receiving party(ies)

Name: Actel Corporation

Internal Address: _____

Additional names (s) of conveying party(ies) attached () yes (X) no

3. Nature of conveyance:

(X) Assignment () Merger

() Security Agreement () Change of Name

() Other _____

Street Address: 955 East Arques AvenueCity: Sunnyvale State: CA Zip: 94086Execution Date: 11-22-2000 Additional names (s) & address(es) attached? () Yes (X) No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of application is 12/14/00

A. Patent Application No.(s)

B. Patent No.(s)

|

|

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sierra Patent Group, Ltd.

Internal Address: _____

2005/0190 HLE333 00000110 09741949

2005/0190 Address: P.O. Box 6149 40.00 CPCity: Stateline State: NV Zip: 894496. Total number of applications and patents involved: 1

7. Total fee (37CFR 3.41).....\$40.00

(X) Enclosed

() Authorized to be charged to deposit account

8. Deposit account Number: 50-0612

(Attached duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Teri MuirTeri Muir12-20-00

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents _____

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents, Box Assignment, Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, Frank Hawley, a citizen of the United States of America, residing at 1360 Capri Drive, Campbell, California 95008, and Daniel Wang, a citizen of Taiwan, residing at 1709 Cassiar Drive, San Jose, California 95130, hereinafter referred to as Assignors, have invented a **"MOS TRANSISTOR HAVING IMPROVED TOTAL RADIATION-INDUCED LEAKAGE CURRENT AND METHOD FOR FABRICATING SAME"** for which we have executed application papers for a U.S. patent thereon, which is being filed herewith; and

WHEREAS, Actel Corporation, a California corporation, having a place of business at 955 E. Arques Avenue, Sunnyvale, California 94086, hereinafter referred to as Assignee, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefore in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, the Assignors, do sell, assign, transfer and set over unto said Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee, its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at Sunnyvale, California, this 22nd day of Nov., 2000.

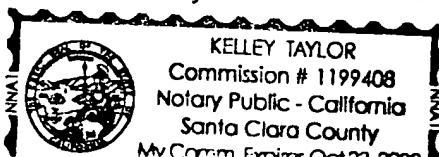
Frank Hawley
Frank Hawley

Daniel C. Wang
Daniel Wang

STATE OF CALIFORNIA)
COUNTY OF *Santa Clara*)
ss)

On this 22nd day of November, 2000, before me,
Kelley Taylor, a Notary Public, personally appeared Frank Hawley and Daniel Wang,
personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons
whose names are subscribed to the within instrument and acknowledged to me that they executed
the same in their authorized capacities, and that by their signatures on the instrument the persons
or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.



~~NOTARY PUBLIC~~

Kelley Taylor
NOTARY PUBLIC